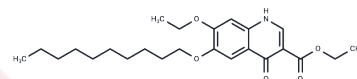


Decoquinatate

Chemical Properties

CAS No. :	18507-89-6
Formula:	C ₂₄ H ₃₅ N ₅ O
Molecular Weight:	417.54
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Decoquinatate (Deccox) is a coccidiostat for poultry.
Targets(IC50)	Parasite
In vitro	In poultry, Decoquinatate (20-40 mg/kg) effectively combats coccidiosis.
In vivo	Decoquinatate inhibits the growth of oocysts in the asexual reproduction of coccidia by interfering with DNA synthesis.

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.395 mL	11.9749 mL	23.9498 mL
5 mM	0.479 mL	2.395 mL	4.790 mL
10 mM	0.2395 mL	1.1975 mL	2.395 mL
50 mM	0.0479 mL	0.2395 mL	0.479 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

The EFSA Journal, 2003, 17, 1-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481